

a control board on which control devices of said motor are mounted, the control board being arranged substantially perpendicularly to the shaft of said motor, at least part of the control board extending to a position overlapped with said motor, said control board having a first region overlapped with said motor, and a second region not overlapped with said motor.

2. (Amended) The motor-assisted drive unit of claim 1, wherein one of the control devices is a processing unit, the processing unit being mounted on a first region of the control board overlapped with said motor so as to project into a gap between the overlapped region of the control board and the motor.

3. (Amended) The motor-assisted drive unit of claim 1, further comprising a casing, the motor being disposed within the casing.

4. The motor-assisted drive unit of claim 3, wherein the control board is elastically supported in the casing.

5. The motor-assisted drive unit of claim 3, wherein:

the control devices of said motor are mounted on two surfaces of the control board;
and

a semiconductor device and a thermally conductive board are provided on a surface on a casing side of the control board.

6. (Amended) The motor-assisted drive unit of claim 5, wherein at least part of the thermally conductive board abuts the semiconductor device.

7. The motor-assisted drive unit of claim 6, wherein at least a part of the thermally conductive board is in contact with the casing.

8. (Amended) A motor-assisted drive unit for a motor-assisted vehicle, comprising:

a motor for providing power to a drive wheel of the vehicle;

a first control board having at least one control device mounted thereon; and

a second control board having at least one control device mounted thereon, wherein the first and second control boards extend in a direction substantially perpendicular to a motor shaft of the motor, and the second control board is overlapped with at least a part of the first control board, said control board having a first region overlapped with said motor, and a second region not overlapped with said motor.

9. The motor-assisted drive unit of claim 8, further comprising a casing, the motor and the first and the second control boards being disposed in the casing.

10. The motor-assisted drive unit of claim 8, wherein the at least one control device mounted on the first control board includes at least one of a control processor, a capacitor, and a relay.

11. The motor-assisted drive unit of claim 10, wherein the at least one control device mounted on the second control board includes transistor.

12. The motor-assisted drive unit of claim 10, wherein the first control board is a printed wiring board, and the second control board is a metal board.

13. The motor-assisted drive unit of claim 12, wherein the second control board includes aluminum.

14. The motor-assisted drive unit of claim 8, further comprising a casing, the motor and the first and the second control boards being disposed in the casing, the second control board being attached to an inner wall surface of the casing, and the first control board being disposed over the second control board, with a gap disposed between the first control board and the second control board.

15. (Amended) The motor-assisted drive unit of claim 4, wherein the control board is elastically supported by an annular rubber member disposed around a casing boss portion of the motor shaft.

16. The motor-assisted drive unit of claim 15, wherein the rubber member is compressed between the control board and a motor supporting portion of the casing.

Please **add claim 17** as follows:

A2 -- 17. The motor-assisted drive unit of claim 1, wherein at least one of the control devices is disposed on one side of said motor. --